

Tool ID: 1806  
Tool Location: 224

Equipment Information Sheet

## CorSolutions Microfluidic Probe Station (2nd Floor)

**Manager:** Christopher Alpha  
**Backup:** Xinwei Wu

**607-254-4913**  
**607-254-4934**

Calls to staff phones will be automatically forwarded to their cell phones during accessible hours. At other times leave a message or send them an email.

**SAFETY**

- ALL biological materials and buffers must be pre-approved by the tool manager.
- All output tubing should be in waste receptacles or towels to contain leaks.

**USAGE RESTRICTIONS**

- Purchase tubing from the tool manager.
- Install your tubing for your experiments.
- If you need to use the tool on consecutive days, see the tool manager.
- Replace your tubing with the lab tubing when finished.

**SCHEDULING/SIGN-UP RESTRICTIONS**

- Users must get permission from the tool manager to use the tool on consecutive days.

Minimum Tool Time: 0 minutes

**MATERIALS COMPATIBILITY CATEGORY**

Tool Category 5: Class A and B Metals and Compounds	
Allowed	Not Allowed
Tool category 1/1E, 2, 3, and 4 materials	
Silicon Based Substrates and Films	
III/V compound Semiconductors	
Glass Substrates	
PECVD and ALD Films	
Cured organics and baked Photoresist	
CNF Class A, B, and Refractory metals	
Exposed Gold, Silver, Copper	
Alkali and Alkaline Compounds	
Organic/Biology Molecules prepared-w/salt buffers	
High Vapor Pressure Materials (Mg, Ca, Zn)*	* Some tool restrictions on high vapor pressure materials may apply
Soft organic materials	

High Vapor Pressure Metals and Compoundsare materials that have a vapor pressure above 1e-6 Torr at 400 C.

**Additional Material Restrictions and Exceptions**

- Aqueous solutions only (water, ethanol, proteins, salts, detergents, etc.)
- NO ORGANIC SOLVENTS ALLOWED.
- NO BIOSAFETY LEVEL-2 MATERIAL
  - NO HUMAN-DERIVED SAMPLES
  - NO PRIMATE\_DERIVED SAMPLES
  - NO PATHOGENIC MICROBES (dead or alive)
  - NO MICROBE-DERIVED TOXINS

Last Updated: 08/06/2019